

WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH
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As a result of the [TRI Reporting Forms Modification Rule](#), beginning in [reporting year](#) 2005, the [Toxics Release Inventory Program](#) is no longer collecting [latitude](#) and [longitude](#) data or EPA program ID data (Including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs AND Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the [Facility Registry System \(FRS\)](#). Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the "[Pick Best](#)" Process. [Primary permitting systems supply FRS with the program IDs](#) that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

<a href="#">Reference Point/Description</a>	<a href="#">Latitude</a>	<a href="#">Longitude</a>	<a href="#">Collection Method</a>	<a href="#">Accuracy Value</a>
N/A	42.71036	-71.43898	GPS – UNSPECIFIED	N/A

[RCRA ID NUMBER](#)

NHD001038348

[NPDES PERMIT NUMBER](#)

NHR053013

[UIC ID NUMBER](#)

NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to [How to Revise TRI Data](#).

For more information, see [Collection of Latitude, Longitude and Program ID Data Has Been Discontinued](#).



## Section 1. Reporting Year

Reporting Year: 2014

## Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

## Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

## Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

### 4.1 Facility Name and Address.

#### Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

#### Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<a href="#">PROVINCE</a>	<a href="#">COUNTRY (NON – US)</a>
NO DATA	NO DATA

#### 4.2 Facility Classification

<a href="#">ENTIRE FACILITY</a>	<a href="#">PARTIAL FACILITY</a>	<a href="#">FEDERAL FACILITY</a>	<a href="#">GOCO FACILITY</a>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<a href="#">NAME</a>	<a href="#">PHONE</a>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

<a href="#">NAICS CODE</a>	<a href="#">PRIMARY</a>	<a href="#">NAICS CODE DESCRIPTION</a>
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

<a href="#">DUNS NUMBER</a>
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#### 5. Parent Company Information

[Parent Company Name](#): WORTHEN INDUSTRIES INC

[Parent Company DUNS Number](#): 001056795

## Section 1. Toxic Chemical Identity

1.1 CAS Number: N010

1.2 Toxic Chemical or Chemical Category Name: ANTIMONY COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

## Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

## Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce:</u> NO	<u>Import:</u> NO	<u>On-Site Use/Processing:</u> NO
<u>Sale/Distribution:</u> NO	<u>Byproduct:</u> NO	<u>Impurity:</u> NO

3.2 Process the Toxic Chemical:

<u>Reactant:</u> NO	<u>Formulation Component:</u> YES	<u>Article Component:</u> NO	<u>Repackaging:</u> NO	<u>Impurity:</u> NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid:</u> NO	<u>Manufacturing Aid:</u> NO	<u>Ancillary or Other Use:</u> NO
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	0	Pounds	E2 – Emission Factor, Site-specific

## 5.2 [Stack or Point Air Emissions](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	E2 – Emission Factor, Site-specific

## 5.3 [Discharges to Receiving Streams or Water Bodies](#)

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>REACH Code</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

## 5.4–5.5 Disposal to Land Onsite

### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

## 5.5 Disposal to Land Onsite

### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

YES			
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#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 – <a href="#">NAME:</a>	<a href="#">ADDRESS:</a>
<a href="#">CITY:</a>	<a href="#">STATE:</a>
<a href="#">COUNTY:</a>	<a href="#">ZIP CODE:</a>

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

#### 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : NYD049253719	<a href="#">Parent Company Controlled</a> : YES
<a href="#">Name</a> : ASHLAND CHEMICAL CO	<a href="#">Address</a> : 3 BROAD STREET
<a href="#">City</a> : BINGHAMTON	<a href="#">State</a> : NY
<a href="#">County</a> : BROOME	<a href="#">Zip Code</a> : 13904
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	50	Pounds	O – Other Approaches	M99 – Unknown

#### Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. [Waste Stream](#): NA

7A.1b. <a href="#">WASTE TREATMENT METHOD(S) SEQUENCE</a>	
1	NO DATA

7A.1d. [Waste Treatment Efficiency Estimate](#): NA

#### Section 7B. On-Site Energy Recovery Processes

<a href="#">ON SITE ENERGY RECOVERY PROCESSES</a>
NA

#### Section 7C. On-Site Recycling Processes

<a href="#">ON SITE RECYCLING PROCESSES</a>
NA

#### Section 8. [Source Reduction and Recycling Activities](#)



SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	1	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	49	50	49	48
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio ☒ or Activity Ratio ☐ : 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION

NA				
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8.11 [Additional Data Indicator](#): NO

B7	No known substitutes or alternative technologies.	No comment provided
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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	Throughput report of current year/last year.
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## PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1314212421895

 [Facility Registry System ID](#): [110004087595](#)

### Section 1. Reporting Year

[Reporting Year](#): 2014

### Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

### Section 3. Certification

<a href="#">CERTIFYING OFFICIAL'S NAME</a>	<a href="#">CERTIFYING OFFICIAL'S TITLE</a>	<a href="#">CERTIFYING OFFICIAL'S SIGNATURE</a>	<a href="#">DATE SIGNED</a>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

### Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

#### 4.1 Facility Name and Address.

Facility Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">COUNTY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

#### Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

#### 4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>

325520	YES	Adhesive Manufacturing
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4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421895

Section 1. Toxic Chemical Identity

1.1 CAS Number: N120

1.2 Toxic Chemical or Chemical Category Name: DIISOCYANATES

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<a href="#">Reactant</a> : YES	<a href="#">Formulation Component</a> : NO	<a href="#">Article Component</a> : NO	<a href="#">Repackaging</a> : NO	<a href="#">Impurity</a> : NO
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### 3.3 Otherwise Use the Toxic Chemical:

<a href="#">Chemical Processing Aid</a> : NO	<a href="#">Manufacturing Aid</a> : NO	<a href="#">Ancillary or Other Use</a> : NO
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 [Fugitive or Non-Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	0	Pounds	E2 – Emission Factor, Site-specific

### 5.2 [Stack or Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	2	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

<a href="#">NA</a>	<a href="#">STREAM/WATER BODY NAME</a>	<a href="#">REACH Code</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">% FROM STORMWATER</a>
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

## 5.4–5.5 Disposal to Land Onsite

### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

## 5.5 Disposal to Land Onsite

### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 – NAME:	<a href="#">ADDRESS:</a>

<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

## 6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number:</u> MAD001035971	<u>Parent Company Controlled:</u> NO
<u>Name:</u> ROCHE BROTHERS BARREL CO	<u>Address:</u> 161 PHOENIX AVENUE
<u>City:</u> LOWELL	<u>State:</u> MA
<u>County:</u> MIDDLESEX	<u>Zip Code:</u> 01852
<u>Country Code (Non – US):</u>	<u>Province:</u>

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	739	Pounds	O – Other Approaches	M99 – Unknown

2 <u>RCRA Number:</u> NJD981142797	<u>Parent Company Controlled:</u> NO
<u>Name:</u> KEARNY STEEL CONTAINER CORP	<u>Address:</u> 401 SOUTH STREET
<u>City:</u> NEWARK	<u>State:</u> NJ
<u>County:</u> ESSEX	<u>Zip Code:</u> 07105
<u>Country Code (Non – US):</u>	<u>Province:</u>

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE



1	492	Pounds	O – Other Approaches	M99 – Unknown
3 <a href="#">RCRA Number</a> : NYD049253719		<a href="#">Parent Company Controlled</a> : YES		
<a href="#">Name</a> : ASHLAND CHEMICAL CO		<a href="#">Address</a> : 3 BROAD STREET		
<a href="#">City</a> : BINGHAMTON		<a href="#">State</a> : NY		
<a href="#">County</a> : BROOME		<a href="#">Zip Code</a> : 13904		
<a href="#">Country Code (Non – US)</a> :		<a href="#">Province</a> :		
<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	1473	Pounds	O – Other Approaches	M94 – Transfer to Waste Broker– Disposal

#### Section 7A. On–Site Waste Treatment Methods and Efficiency

7A.1a. [Waste Stream](#): NA

7A.1b. <a href="#">WASTE TREATMENT METHOD(S) SEQUENCE</a>	
1	NO DATA

7A.1d. [Waste Treatment Efficiency Estimate](#): NA

#### Section 7B. On–Site Energy Recovery Processes

<a href="#">ON SITE ENERGY RECOVERY PROCESSES</a>
NA

#### Section 7C. On–Site Recycling Processes

<a href="#">ON SITE RECYCLING PROCESSES</a>
NA

Section 8. [Source Reduction and Recycling Activities](#)

SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	2	2	2	2
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	1625	1231	1400	1400
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): 1473 Pounds

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : 1.23

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO

B3	Concern that product quality may decline as a result of source reduction.	No comment provided
B7	No known substitutes or alternative technologies.	No comment provided

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	throughput report of current year/last year
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## PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

[DOCUMENT CONTROL NUMBER](#): 1314212421907



[Facility Registry System ID](#): 110004087595

### Section 1. Reporting Year

[Reporting Year](#): 2014

### Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

### Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

### Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

#### 4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE

WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783
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<a href="#">BIA Tribal Code</a>	<a href="#">Tribe</a>
NO DATA	NO DATA

#### Mailing Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<a href="#">PROVINCE</a>	<a href="#">COUNTRY (NON - US)</a>
NO DATA	NO DATA

#### 4.2 Facility Classification

<a href="#">ENTIRE FACILITY</a>	<a href="#">PARTIAL FACILITY</a>	<a href="#">FEDERAL FACILITY</a>	<a href="#">GOCO FACILITY</a>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<a href="#">NAME</a>	<a href="#">PHONE</a>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

DUNS NUMBER

#### 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

### PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421907

#### Section 1. Toxic Chemical Identity

1.1 CAS Number: 000068122

1.2 Toxic Chemical or Chemical Category Name: N,N-DIMETHYLFORMAMIDE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

#### Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

#### Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
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<a href="#">Sale/Distribution</a> : NO	<a href="#">Byproduct</a> : NO	<a href="#">Impurity</a> : NO
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### 3.2 Process the Toxic Chemical:

<a href="#">Reactant</a> : NO	<a href="#">Formulation Component</a> : YES	<a href="#">Article Component</a> : NO	<a href="#">Repackaging</a> : NO	<a href="#">Impurity</a> : NO
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### 3.3 Otherwise Use the Toxic Chemical:

<a href="#">Chemical Processing Aid</a> : NO	<a href="#">Manufacturing Aid</a> : NO	<a href="#">Ancillary or Other Use</a> : YES
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 [Fugitive or Non-Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	1 – 10	Pounds	E2 – Emission Factor, Site-specific

### 5.2 [Stack or Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	71	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

<a href="#">NA</a>	<a href="#">STREAM/WATER BODY NAME</a>	<a href="#">REACH Code</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">% FROM STORMWATER</a>

NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	
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#### 5.4–5.5 Disposal to Land Onsite

##### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5 Disposal to Land Onsite

##### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

YES			
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#### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)



1 – <u>NAME:</u>	<u>ADDRESS:</u>
<u>CITY:</u>	<u>STATE:</u>
<u>COUNTY:</u>	<u>ZIP CODE:</u>

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

## 6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number:</u> MAD001035971	<u>Parent Company Controlled:</u> NO
<u>Name:</u> ROCHE BROTHERS BARREL CO	<u>Address:</u> 161 PHOENIX AVENUE
<u>City:</u> LOWELL	<u>State:</u> MA
<u>County:</u> MIDDLESEX	<u>Zip Code:</u> 01852
<u>Country Code (Non – US):</u>	<u>Province:</u>

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	42	Pounds	O – Other Approaches	M99 – Unknown

2 <u>RCRA Number:</u> NYD049253719	<u>Parent Company Controlled:</u> YES
<u>Name:</u> ASHLAND CHEMICAL CO	<u>Address:</u> 3 BROAD STREET
<u>City:</u> BINGHAMTON	<u>State:</u> NY
<u>County:</u> BROOME	<u>Zip Code:</u> 13904
<u>Country Code (Non – US):</u>	<u>Province:</u>

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	3985	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker– Energy Recovery

3 <u>RCRA Number</u> : NJD981142797	<u>Parent Company Controlled</u> : NO
<u>Name</u> : KEARNY STEEL CONTAINER CORP	<u>Address</u> : 401 SOUTH STREET
<u>City</u> : NEWARK	<u>State</u> : NJ
<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non – US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	29	Pounds	O – Other Approaches	M99 – Unknown

## Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u>	
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

## Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

## Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>

NA

Section 8. [Source Reduction and Recycling Activities](#)

SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	119	76	75	70
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	152.9	71	60	50
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	2617	3613	3500	3000
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): 372 Pounds

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : 1.14

8.10 [Source Reduction Activities](#)

<a href="#">SOURCE REDUCTION ACTIVITIES</a>	<a href="#">METHOD 1</a>	<a href="#">METHOD 2</a>	<a href="#">METHOD 3</a>	<a href="#">ESTIMATED ANNUAL REDUCTION</a>
W71 – OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 – PARTICIPATIVE TEAM MANAGEMENT			

8.11 [Additional Data Indicator](#): NO


GEM	General Environmental Management	Able to reuse kettle washes much longer until it is spent and needs to be manifested out as waste for energy recovery.
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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	Throughput report current year/last year
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PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1314212421919

 [Facility Registry System ID](#): [110004087595](#)

Section 1. Reporting Year

[Reporting Year](#): 2014

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

<a href="#">CERTIFYING OFFICIAL'S NAME</a>	<a href="#">CERTIFYING OFFICIAL'S TITLE</a>	<a href="#">CERTIFYING OFFICIAL'S SIGNATURE</a>	<a href="#">DATE SIGNED</a>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

#### 4.1 Facility Name and Address.

##### Facility Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">COUNTY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<a href="#">BIA Tribal Code</a>	<a href="#">Tribe</a>
NO DATA	NO DATA

##### Mailing Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<a href="#">PROVINCE</a>	<a href="#">COUNTRY (NON - US)</a>
NO DATA	NO DATA

#### 4.2 Facility Classification

<a href="#">ENTIRE FACILITY</a>	<a href="#">PARTIAL FACILITY</a>	<a href="#">FEDERAL FACILITY</a>	<a href="#">GOCO FACILITY</a>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<a href="#">NAME</a>	<a href="#">PHONE</a>

VALERIE CONNELLY	6038885443
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4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

<u>DUNS NUMBER</u>
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5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421919

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000071363

1.2 Toxic Chemical or Chemical Category Name: N-BUTYL ALCOHOL

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

### 3.1 Manufacture the Toxic Chemical:

<a href="#">Produce</a> : NO	<a href="#">Import</a> : NO	<a href="#">On-Site Use/Processing</a> : NO
<a href="#">Sale/Distribution</a> : NO	<a href="#">Byproduct</a> : NO	<a href="#">Impurity</a> : NO

### 3.2 Process the Toxic Chemical:

<a href="#">Reactant</a> : NO	<a href="#">Formulation Component</a> : YES	<a href="#">Article Component</a> : NO	<a href="#">Repackaging</a> : NO	<a href="#">Impurity</a> : NO
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### 3.3 Otherwise Use the Toxic Chemical:

<a href="#">Chemical Processing Aid</a> : NO	<a href="#">Manufacturing Aid</a> : NO	<a href="#">Ancillary or Other Use</a> : NO
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 1000 to 9999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 [Fugitive or Non-Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	1	Pounds	E2 – Emission Factor, Site-specific

### 5.2 [Stack or Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	5	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

NA	STREAM/WATER BODY NAME	REACH Code	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

#### 5.4–5.5 Disposal to Land Onsite

##### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5 Disposal to Land Onsite

##### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.1B [Other Landfills](#)



NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

## Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 – <a href="#">NAME</a> :	<a href="#">ADDRESS</a> :
<a href="#">CITY</a> :	<a href="#">STATE</a> :
<a href="#">COUNTY</a> :	<a href="#">ZIP CODE</a> :

<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO DATA		NO DATA

### 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : MAD001035971	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : ROCHE BROTHERS BARREL CO	<a href="#">Address</a> : 161 PHOENIX AVENUE
<a href="#">City</a> : LOWELL	<a href="#">State</a> : MA
<a href="#">County</a> : MIDDLESEX	<a href="#">Zip Code</a> : 01852
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	65	Pounds	O – Other Approaches	M99 – Unknown

2 <a href="#">RCRA Number</a> : NJD981142797	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : KEARNY STEEL CONTAINER CORP	<a href="#">Address</a> : 401 SOUTH STREET
<a href="#">City</a> : NEWARK	<a href="#">State</a> : NJ

<u>County</u> : ESSEX	<u>Zip Code</u> : 07105
<u>Country Code (Non – US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	43	Pounds	O – Other Approaches	M99 – Unknown

3 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non – US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	79	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker– Energy Recovery

## Section 7A. On–Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u>	
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

## Section 7B. On–Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

## Section 7C. On–Site Recycling Processes

**ON SITE RECYCLING PROCESSES**

NA

**Section 8. [Source Reduction and Recycling Activities](#)**

<b>SECTION</b>	<b>TYPE OF QUANTITY</b>	<b>UNITS</b>	<b>PRIOR YEAR</b>	<b>CURRENT REPORTING YEAR</b>	<b>FOLLOWING YEAR</b>	<b>SECOND FOLLOWING YEAR</b>
<b>8.1a</b>	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
<b>8.1b</b>	Total other on-site disposal or other releases	Pounds	6	6	6	6
<b>8.1c</b>	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
<b>8.1d</b>	Total other off-site disposal or other releases	Pounds	123	108	100	90
<b>8.2</b>	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
<b>8.3</b>	Quantity Used for Energy Recovery Offsite	Pounds	50	79	60	55
<b>8.4</b>	Quantity Recycled Onsite		NA	NA	NA	NA
<b>8.5</b>	Quantity Recycled Offsite		NA	NA	NA	NA
<b>8.6</b>	Quantity Treated Onsite		NA	NA	NA	NA
<b>8.7</b>	Quantity Treated Offsite		NA	NA	NA	NA

**8.8 [One-Time Event Release](#):** NA

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : 1.03

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO


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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	current year throughput report/last year
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PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1314212421921

 [Facility Registry System ID](#): [110004087595](#)

Section 1. Reporting Year

[Reporting Year](#): 2014

Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

#### Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

#### 4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

DUNS NUMBER

#### 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

### PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421921

#### Section 1. Toxic Chemical Identity

1.1 CAS Number: 000110543

1.2 Toxic Chemical or Chemical Category Name: N-HEXANE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

#### Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

#### Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
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<a href="#">Sale/Distribution</a> : NO	<a href="#">Byproduct</a> : NO	<a href="#">Impurity</a> : NO
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### 3.2 Process the Toxic Chemical:

<a href="#">Reactant</a> : NO	<a href="#">Formulation Component</a> : YES	<a href="#">Article Component</a> : NO	<a href="#">Repackaging</a> : NO	<a href="#">Impurity</a> : NO
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### 3.3 Otherwise Use the Toxic Chemical:

<a href="#">Chemical Processing Aid</a> : NO	<a href="#">Manufacturing Aid</a> : NO	<a href="#">Ancillary or Other Use</a> : YES
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 10000 to 99999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 [Fugitive or Non-Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	73	Pounds	E2 – Emission Factor, Site-specific

### 5.2 [Stack or Point Air Emissions](#)

<a href="#">NA</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>
NO	480	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

<a href="#">NA</a>	<a href="#">STREAM/WATER BODY NAME</a>	<a href="#">REACH Code</a>	<a href="#">TOTAL RELEASE (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">% FROM STORMWATER</a>



NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	
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#### 5.4–5.5 Disposal to Land Onsite

##### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5 Disposal to Land Onsite

##### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

YES			
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#### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 – <u>NAME</u> :	<u>ADDRESS</u> :
<u>CITY</u> :	<u>STATE</u> :
<u>COUNTY</u> :	<u>ZIP CODE</u> :

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

## 6.2 Transfers to other Off-Site Locations

1 <u>RCRA Number</u> : MAD001035971	<u>Parent Company Controlled</u> : NO
<u>Name</u> : ROCHE BROTHERS BARREL CO	<u>Address</u> : 161 PHOENIX AVENUE
<u>City</u> : LOWELL	<u>State</u> : MA
<u>County</u> : MIDDLESEX	<u>Zip Code</u> : 01852
<u>Country Code (Non – US)</u> :	<u>Province</u> :

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	8	Pounds	O – Other Approaches	M99 – Unknown

2 <u>RCRA Number</u> : NYD049253719	<u>Parent Company Controlled</u> : YES
<u>Name</u> : ASHLAND CHEMICAL CO	<u>Address</u> : 3 BROAD STREET
<u>City</u> : BINGHAMTON	<u>State</u> : NY
<u>County</u> : BROOME	<u>Zip Code</u> : 13904
<u>Country Code (Non – US)</u> :	<u>Province</u> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	4419	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker– Energy Recovery

## Section 7A. On–Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE</u>	
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

## Section 7B. On–Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

## Section 7C. On–Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

## Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on–site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA

<b>8.1b</b>	Total other on-site disposal or other releases	Pounds	581	553	580	580
<b>8.1c</b>	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
<b>8.1d</b>	Total other off-site disposal or other releases	Pounds	5	8	6	8
<b>8.2</b>	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
<b>8.3</b>	Quantity Used for Energy Recovery Offsite	Pounds	3140	4419	4000	3800
<b>8.4</b>	Quantity Recycled Onsite		NA	NA	NA	NA
<b>8.5</b>	Quantity Recycled Offsite		NA	NA	NA	NA
<b>8.6</b>	Quantity Treated Onsite		NA	NA	NA	NA
<b>8.7</b>	Quantity Treated Offsite		NA	NA	NA	NA

**8.8** [One-Time Event Release](#): NA

**8.9** [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : 1.01

**8.10** [Source Reduction Activities](#)

<a href="#">SOURCE REDUCTION ACTIVITIES</a>	<a href="#">METHOD 1</a>	<a href="#">METHOD 2</a>	<a href="#">METHOD 3</a>	<a href="#">ESTIMATED ANNUAL REDUCTION</a>
NA				

**8.11** [Additional Data Indicator](#): NO

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**9.1** Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	production throughput report/last year report
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PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1314212421933



Facility Registry System ID: 110004087595

**Section 1. Reporting Year**

Reporting Year: 2014

**Section 2. Trade Secret Information**

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

**Section 3. Certification**

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

**Section 4. Facility Identification**

TRI Facility ID: 03060PCDHS3EAST

**4.1 Facility Name and Address.**

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

#### 4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

<u>DUNS NUMBER</u>
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#### 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

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PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421933

**Section 1. Toxic Chemical Identity**

1.1 CAS Number: 000872504

1.2 Toxic Chemical or Chemical Category Name: N-METHYL-2-PYRROLIDONE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

**Section 2. Mixture Component Identity**

2.1 Supplier Provided Generic Chemical Name: NA

**Section 3. Activities and Uses of the Toxic Chemical**

3.1 Manufacture the Toxic Chemical:

<u>Produce</u> : NO	<u>Import</u> : NO	<u>On-Site Use/Processing</u> : NO
<u>Sale/Distribution</u> : NO	<u>Byproduct</u> : NO	<u>Impurity</u> : NO

3.2 Process the Toxic Chemical:

<u>Reactant</u> : NO	<u>Formulation Component</u> : YES	<u>Article Component</u> : NO	<u>Repackaging</u> : NO	<u>Impurity</u> : NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid</u> : NO	<u>Manufacturing Aid</u> : NO	<u>Ancillary or Other Use</u> : YES
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**Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year**



Maximum Chemical Amount: 1000 to 9999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	1	Pounds	O – Other Approaches

### 5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	16	Pounds	E2 – Emission Factor, Site-specific

### 5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>REACH Code</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

## 5.4–5.5 Disposal to Land Onsite

### 5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

#### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5 Disposal to Land Onsite

#### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - <a href="#">NAME:</a>	<a href="#">ADDRESS:</a>
<a href="#">CITY:</a>	<a href="#">STATE:</a>
<a href="#">COUNTY:</a>	<a href="#">ZIP CODE:</a>

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

## 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : MAD001035971	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : ROCHE BROTHERS BARREL CO	<a href="#">Address</a> : 161 PHOENIX AVENUE
<a href="#">City</a> : LOWELL	<a href="#">State</a> : MA
<a href="#">County</a> : MIDDLESEX	<a href="#">Zip Code</a> : 01852
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	36	Pounds	O – Other Approaches	M99 – Unknown

2 <a href="#">RCRA Number</a> : NYD049253719	<a href="#">Parent Company Controlled</a> : YES
<a href="#">Name</a> : ASHLAND CHEMICAL CO	<a href="#">Address</a> : 3 BROAD STREET
<a href="#">City</a> : BINGHAMTON	<a href="#">State</a> : NY
<a href="#">County</a> : BROOME	<a href="#">Zip Code</a> : 13904
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	11103	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker–Energy Recovery

3 <a href="#">RCRA Number</a> : NJD981142797	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : KEARNY STEEL CONTAINER CORP	<a href="#">Address</a> : 401 SOUTH STREET
<a href="#">City</a> : NEWARK	<a href="#">State</a> : NJ
<a href="#">County</a> : ESSEX	<a href="#">Zip Code</a> : 07105
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<u>OFFSITE AMOUNT SEQUENCE</u>	<u>TOTAL TRANSFERS (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
1	24	Pounds	O – Other Approaches	M99 – Unknown

## Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

<u>7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE</u>	
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

## Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

## Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

## Section 8. Source Reduction and Recycling Activities

<u>SECTION</u>	<u>TYPE OF QUANTITY</u>	<u>UNITS</u>	<u>PRIOR YEAR</u>	<u>CURRENT REPORTING YEAR</u>	<u>FOLLOWING YEAR</u>	<u>SECOND FOLLOWING YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA

<b>8.1b</b>	Total other on-site disposal or other releases	Pounds	9	17	16	15
<b>8.1c</b>	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
<b>8.1d</b>	Total other off-site disposal or other releases	Pounds	127	60	60	55
<b>8.2</b>	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
<b>8.3</b>	Quantity Used for Energy Recovery Offsite	Pounds	8873	11103	10500	10000
<b>8.4</b>	Quantity Recycled Onsite		NA	NA	NA	NA
<b>8.5</b>	Quantity Recycled Offsite	Pounds	650	NA	NA	NA
<b>8.6</b>	Quantity Treated Onsite		NA	NA	NA	NA
<b>8.7</b>	Quantity Treated Offsite		NA	NA	NA	NA

**8.8** [One-Time Event Release](#): NA

**8.9** [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : .51

**8.10** [Source Reduction Activities](#)

<a href="#">SOURCE REDUCTION ACTIVITIES</a>	<a href="#">METHOD 1</a>	<a href="#">METHOD 2</a>	<a href="#">METHOD 3</a>	<a href="#">ESTIMATED ANNUAL REDUCTION</a>
NA				

**8.11** [Additional Data Indicator](#): NO

B6	Pollution prevention previously implemented – additional reduction does not apply	No comment provided
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**9.1** Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	production through put report/last year report
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PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1314212421945



Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2014

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

#### 4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

<u>NAICS CODE</u>	<u>PRIMARY</u>	<u>NAICS CODE DESCRIPTION</u>
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

<u>DUNS NUMBER</u>
--------------------

#### 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC



Parent Company DUNS Number: 001056795

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PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421945

**Section 1. Toxic Chemical Identity**

1.1 CAS Number: 000108883

1.2 Toxic Chemical or Chemical Category Name: TOLUENE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

**Section 2. Mixture Component Identity**

2.1 Supplier Provided Generic Chemical Name: NA

**Section 3. Activities and Uses of the Toxic Chemical**

3.1 Manufacture the Toxic Chemical:

<u>Produce:</u> NO	<u>Import:</u> NO	<u>On-Site Use/Processing:</u> NO
<u>Sale/Distribution:</u> NO	<u>Byproduct:</u> NO	<u>Impurity:</u> NO

3.2 Process the Toxic Chemical:

<u>Reactant:</u> NO	<u>Formulation Component:</u> YES	<u>Article Component:</u> NO	<u>Repackaging:</u> NO	<u>Impurity:</u> NO
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3.3 Otherwise Use the Toxic Chemical:

<u>Chemical Processing Aid:</u> NO	<u>Manufacturing Aid:</u> NO	<u>Ancillary or Other Use:</u> YES
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**Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year**

Maximum Chemical Amount: 100000 to 999999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

### 5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	146	Pounds	E2 – Emission Factor, Site-specific

### 5.2 Stack or Point Air Emissions

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	2332	Pounds	E2 – Emission Factor, Site-specific

### 5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>REACH Code</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

## 5.4–5.5 Disposal to Land Onsite

### 5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

#### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5 Disposal to Land Onsite

##### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.1B [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.2 [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

##### 5.5.3A [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.3B [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - <a href="#">NAME:</a>	<a href="#">ADDRESS:</a>
<a href="#">CITY:</a>	<a href="#">STATE:</a>
<a href="#">COUNTY:</a>	<a href="#">ZIP CODE:</a>

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

## 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : MAD001035971		<a href="#">Parent Company Controlled</a> : NO		
<a href="#">Name</a> : ROCHE BROTHERS BARREL CO		<a href="#">Address</a> : 161 PHOENIX AVENUE		
<a href="#">City</a> : LOWELL		<a href="#">State</a> : MA		
<a href="#">County</a> : MIDDLESEX		<a href="#">Zip Code</a> : 01852		
<a href="#">Country Code (Non – US)</a> :		<a href="#">Province</a> :		
<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	3	Pounds	O – Other Approaches	M99 – Unknown

2 <a href="#">RCRA Number</a> : NYD049253719		<a href="#">Parent Company Controlled</a> : YES		
<a href="#">Name</a> : ASHLAND CHEMICAL CO		<a href="#">Address</a> : 3 BROAD STREET		
<a href="#">City</a> : BINGHAMTON		<a href="#">State</a> : NY		
<a href="#">County</a> : BROOME		<a href="#">Zip Code</a> : 13904		
<a href="#">Country Code (Non – US)</a> :		<a href="#">Province</a> :		
<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	13937	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker–Energy Recovery

## Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. [Waste Stream](#): NA

7A.1b. <a href="#">WASTE TREATMENT METHOD(S) SEQUENCE</a>	
1	NO DATA

7A.1d. [Waste Treatment Efficiency Estimate](#): NA

## Section 7B. On-Site Energy Recovery Processes

### ON SITE ENERGY RECOVERY PROCESSES

NA

## Section 7C. On-Site Recycling Processes

### ON SITE RECYCLING PROCESSES

NA

## Section 8. [Source Reduction and Recycling Activities](#)

SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	2272	2478	2400	2400
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	1.6	3	2	2
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	10076	13937	11000	11000

8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : 1.09

8.10 [Source Reduction Activities](#)

<a href="#">SOURCE REDUCTION ACTIVITIES</a>	<a href="#">METHOD 1</a>	<a href="#">METHOD 2</a>	<a href="#">METHOD 3</a>	<a href="#">ESTIMATED ANNUAL REDUCTION</a>
W71 – OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 – PARTICIPATIVE TEAM MANAGEMENT			

8.11 [Additional Data Indicator](#): NO


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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	production through put report/last year report
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#### PART I. FACILITY IDENTIFICATION INFORMATION (*FORM R*)

[DOCUMENT CONTROL NUMBER](#): 1314212421958

 [Facility Registry System ID](#): 110004087595

#### Section 1. Reporting Year

[Reporting Year](#): 2014

#### Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

### Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

### Section 4. Facility Identification

[TRI Facility ID](#): 03060PCDHS3EAST

#### 4.1 Facility Name and Address.

##### Facility Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">COUNTY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<a href="#">BIA Tribal Code</a>	<a href="#">Tribe</a>
NO DATA	NO DATA

##### Mailing Information

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<a href="#">PROVINCE</a>	<a href="#">COUNTRY (NON - US)</a>
NO DATA	NO DATA

#### 4.2 Facility Classification

<a href="#">ENTIRE FACILITY</a>	<a href="#">PARTIAL FACILITY</a>	<a href="#">FEDERAL FACILITY</a>	<a href="#">GOCO FACILITY</a>



YES	NO	NO	NO
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#### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

NAME	PHONE
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

#### 4.7 Dun Numbers

DUNS NUMBER

#### 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

### PART II. CHEMICAL – SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212421958

#### Section 1. Toxic Chemical Identity

1.1 CAS Number: 026471625

1.2 Toxic Chemical or Chemical Category Name: TOLUENE DIISOCYANATE (MIXED ISOMERS)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

## Section 2. Mixture Component Identity

2.1 [Supplier Provided Generic Chemical Name](#): NA

## Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

<a href="#">Produce</a> : NO	<a href="#">Import</a> : NO	<a href="#">On-Site Use/Processing</a> : NO
<a href="#">Sale/Distribution</a> : NO	<a href="#">Byproduct</a> : NO	<a href="#">Impurity</a> : NO

3.2 Process the Toxic Chemical:

<a href="#">Reactant</a> : YES	<a href="#">Formulation Component</a> : NO	<a href="#">Article Component</a> : NO	<a href="#">Repackaging</a> : NO	<a href="#">Impurity</a> : NO
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3.3 Otherwise Use the Toxic Chemical:

<a href="#">Chemical Processing Aid</a> : NO	<a href="#">Manufacturing Aid</a> : NO	<a href="#">Ancillary or Other Use</a> : NO
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## Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

[Maximum Chemical Amount](#): 1000 to 9999

## Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 [Fugitive or Non-Point Air Emissions](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	E2 – Emission Factor, Site-specific

5.2 [Stack or Point Air Emissions](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	1	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

NA	STREAM/WATER BODY NAME	REACH Code	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

### 5.4–5.5 Disposal to Land Onsite

#### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### 5.5 Disposal to Land Onsite

#### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.1B** [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.2** [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.3A** [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.3B** [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - <a href="#">NAME</a> :	<a href="#">ADDRESS</a> :
<a href="#">CITY</a> :	<a href="#">STATE</a> :
<a href="#">COUNTY</a> :	<a href="#">ZIP CODE</a> :

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

#### 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : MAD001035971		<a href="#">Parent Company Controlled</a> : NO		
<a href="#">Name</a> : ROCHE BROTHERS BARREL CO		<a href="#">Address</a> : 161 PHOENIX AVENUE		
<a href="#">City</a> : LOWELL		<a href="#">State</a> : MA		
<a href="#">County</a> : MIDDLESEX		<a href="#">Zip Code</a> : 01852		
<a href="#">Country Code (Non - US)</a> :		<a href="#">Province</a> :		

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>

1	182	Pounds	O – Other Approaches	M99 – Unknown
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2 <a href="#">RCRA Number</a> : NJD981142797	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : KEARNY STEEL CONTAINER CORP	<a href="#">Address</a> : 401 SOUTH STREET
<a href="#">City</a> : NEWARK	<a href="#">State</a> : NJ
<a href="#">County</a> : ESSEX	<a href="#">Zip Code</a> : 07105
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	121	Pounds	O – Other Approaches	M99 – Unknown

3 <a href="#">RCRA Number</a> : NYD049253719	<a href="#">Parent Company Controlled</a> : YES
<a href="#">Name</a> : ASHLAND CHEMICAL CO	<a href="#">Address</a> : 3 BROAD STREET
<a href="#">City</a> : BINGHAMTON	<a href="#">State</a> : NY
<a href="#">County</a> : BROOME	<a href="#">Zip Code</a> : 13904
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	10	Pounds	O – Other Approaches	M94 – Transfer to Waste Broker– Disposal

## Section 7A. On–Site Waste Treatment Methods and Efficiency

7A.1a. [Waste Stream](#): NA

7A.1b. <a href="#">WASTE TREATMENT METHOD(S) SEQUENCE</a>	
1	NO DATA

7A.1d. [Waste Treatment Efficiency Estimate](#): NA

## Section 7B. On-Site Energy Recovery Processes

### ON SITE ENERGY RECOVERY PROCESSES

NA

## Section 7C. On-Site Recycling Processes

### ON SITE RECYCLING PROCESSES

NA

## Section 8. [Source Reduction and Recycling Activities](#)

SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	1	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	374	313	370	360
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA

8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : .73

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO

B3	Concern that product quality may decline as a result of source reduction.	No comment provided
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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	production through put report/last year report
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## PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

[DOCUMENT CONTROL NUMBER](#): 1314212421960

 [Facility Registry System ID](#): 110004087595

### Section 1. Reporting Year

[Reporting Year](#): 2014

### Section 2. Trade Secret Information

2.1 [Trade Secret](#): NO

2.2 [Sanitized Copy](#): Unsanitized

### Section 3. Certification



<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	11-JUN-15

#### Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

##### 4.1 Facility Name and Address.

###### Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

<u>BIA Tribal Code</u>	<u>Tribe</u>
NO DATA	NO DATA

###### Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

##### 4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

### 4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

#### 4.4 Public Contact

<u>NAME</u>	<u>PHONE</u>
VALERIE CONNELLY	6038885443

#### 4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

## 4.7 Dun Numbers

DUNS NUMBER

## 5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

## PART II. CHEMICAL – SPECIFIC INFORMATION

**DOCUMENT CONTROL NUMBER:** 1314212421960

## Section 1. Toxic Chemical Identity

1.1 CAS Number: 001330207

**1.2 Toxic Chemical or Chemical Category Name:** XYLENE (MIXED ISOMERS)

**1.3 Generic Chemical Name:** NA

#### 1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
NO	15	Pounds	E2 – Emission Factor, Site-specific

### 5.3 [Discharges to Receiving Streams or Water Bodies](#)

<u>NA</u>	<u>STREAM/WATER BODY NAME</u>	<u>REACH Code</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>% FROM STORMWATER</u>
NO	MERRIMACK RIVER	01070006000405	0	Pounds	O – Other Approaches	

### 5.4–5.5 Disposal to Land Onsite

#### 5.4.1 [Underground Injection Onsite to Class I Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

#### 5.4.2 [Underground Injection Onsite to Class II–V Wells.](#)

<u>NA</u>	<u>TOTAL RELEASE (per year)</u>	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>
YES			

### 5.5 Disposal to Land Onsite

#### 5.5.1A [RCRA Subtitle C Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.1B** [Other Landfills](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.2** [Land Treatment/Application Farming](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.3A** [RCRA Subtitle C Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

**5.5.3B** [Other Surface Impoundments](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

#### 5.5.4 [Other Disposal](#)

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

#### 6.1 [Discharges to Publicly Owned Treatment Works \(POTWs\)](#)

1 - <a href="#">NAME</a> :	<a href="#">ADDRESS</a> :
<a href="#">CITY</a> :	<a href="#">STATE</a> :
<a href="#">COUNTY</a> :	<a href="#">ZIP CODE</a> :

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

#### 6.2 [Transfers to other Off-Site Locations](#)

1 <a href="#">RCRA Number</a> : MAD001035971		<a href="#">Parent Company Controlled</a> : NO		
<a href="#">Name</a> : ROCHE BROTHERS BARREL CO		<a href="#">Address</a> : 161 PHOENIX AVENUE		
<a href="#">City</a> : LOWELL		<a href="#">State</a> : MA		
<a href="#">County</a> : MIDDLESEX		<a href="#">Zip Code</a> : 01852		
<a href="#">Country Code (Non - US)</a> :		<a href="#">Province</a> :		

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>

1	90	Pounds	O – Other Approaches	M99 – Unknown
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2 <a href="#">RCRA Number</a> : NYD049253719	<a href="#">Parent Company Controlled</a> : YES
<a href="#">Name</a> : ASHLAND CHEMICAL CO	<a href="#">Address</a> : 3 BROAD STREET
<a href="#">City</a> : BINGHAMTON	<a href="#">State</a> : NY
<a href="#">County</a> : BROOME	<a href="#">Zip Code</a> : 13904
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	734	Pounds	O – Other Approaches	M92 – Transfer to Waste Broker– Energy Recovery

3 <a href="#">RCRA Number</a> : NJD981142797	<a href="#">Parent Company Controlled</a> : NO
<a href="#">Name</a> : KEARNY STEEL CONTAINER CORP	<a href="#">Address</a> : 401 SOUTH STREET
<a href="#">City</a> : NEWARK	<a href="#">State</a> : NJ
<a href="#">County</a> : ESSEX	<a href="#">Zip Code</a> : 07105
<a href="#">Country Code (Non – US)</a> :	<a href="#">Province</a> :

<a href="#">OFFSITE AMOUNT SEQUENCE</a>	<a href="#">TOTAL TRANSFERS (per year)</a>	<a href="#">UNIT OF MEASURE</a>	<a href="#">BASIS OF ESTIMATE</a>	<a href="#">WASTE MANAGEMENT TYPE</a>
1	60	Pounds	O – Other Approaches	M99 – Unknown

## Section 7A. On–Site Waste Treatment Methods and Efficiency

7A.1a. [Waste Stream](#): NA

7A.1b. <a href="#">WASTE TREATMENT METHOD(S) SEQUENCE</a>	
1	NO DATA

7A.1d. [Waste Treatment Efficiency Estimate](#): NA

## Section 7B. On-Site Energy Recovery Processes

### ON SITE ENERGY RECOVERY PROCESSES

NA

## Section 7C. On-Site Recycling Processes

### ON SITE RECYCLING PROCESSES

NA

## Section 8. [Source Reduction and Recycling Activities](#)

SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	17	16	16	17
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	160	150	160	160
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	1570	734	720	700
8.4	Quantity Recycled Onsite		NA	NA	NA	NA



8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 [One-Time Event Release](#): NA

8.9 [Production Ratio](#) ☒ or [Activity Ratio](#) ☐ : .86

8.10 [Source Reduction Activities](#)

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 [Additional Data Indicator](#): NO

||

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

PRAI	Production Ratio or Activity Index comment	production through put report/last year report
TPRL	Total Production-related Releases DQA comment	The profile of 109-2621 content of Xylene went from 3% down to 1% and in 2013 shipped 89,904 lbs ( 1570 lbs Xylene) to 85,160 lbs (734 lbs Xylene)